

I CLAIM AS MY INVENTION:

1. In an acoustic meter assembly having a measurement chamber for receiving a pressurized fluid to be monitored, and having an acoustic transducer with opposite front and rear surfaces, the improvement of a holder for said acoustic transducer comprising:

a receiving station in which said acoustic transducer is locatable to expose said front surface thereof to fluid pressure in the measurement chamber; and

a pressure transfer arrangement for communicating pressure between the measurement chamber and the rear surface of the transducer.

2. A holder as claimed in claim 1 wherein said pressure transfer arrangement comprises a pressurizing chamber in pressure communication with said rear surface of said transducer, and a plurality of conduits for transferring pressurized fluid between the pressurizing chamber and the measurement chamber.

3. A holder as claimed in claim 2 wherein said transducer receiving station comprises a plurality of through holes, and wherein said holder comprises an end cap cooperating with said through holes and said transducer receiving section to define said plurality of conduits and to form said pressurizing chamber.